



WIRING DIAGRAM

Switch and service to be coordinated with Power Company personnel.

When obstructions intervene or doubt exists for code clearances, location will be by Power Company personnel.

Structure shall be set not less than 3'-0" nor more than 5'-0" from Power Company pedestal.

Combination lighting contactor shall be 240 volt, 60A NEMA 4X stainless steel Square "D" class 8903 No. 5PW-62. Contactor shall consist of the following: Square "D" series "A", No. 9421 disconnect switch; Square "D" class 9999, type S2 fuse clips; Square "D" class 8903, type SPO-2 contactor, electrically held; Square "D" class 9999, type SC-2 selector switch with legend plate to read HAND-OFF-AUTO or approved equal interchangeable. Selector switch shall be mounted internal to the enclosure.

Rigid conduit 1 1/2" diameter minimum, shall extend a minimum of 2'-0" below grade. End of conduit to be equipped with insulating bushing.

Contractor to trench and bury #6 CU cable to the pedestal leaving 3'-0" minimum leads for insertion into the connection by Power Company. Contractor shall provide tin plated terminal lugs having 9/16" bolt hole for connection in pedestal.

Ground rod shall be 1/2" copper-weld one piece, clean surface, driven at least 8'-0" deep. Bond box and conduit to ground rod with #4 AWG bare copper.

Selector Switch - Square "D" class 9999, type K "3SC-2", legend plate to read HAND-OFF-AUTO, or approved interchangeable equals.

APPROVED
EVANS, MECHWART, HAMBLETON & TILTON, INC.

By

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Charles W. Board Jr.
CITY ADMINISTRATOR

**STREET LIGHTING
WIRING DIAGRAM**

CITY OF
GROVE CITY, OHIO

STANDARD
CONSTRUCTION DRAWING

DATE
8-21-87

DWG. NO
C-GC-54